

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany	REPORT	
SUBJECT	Isotopes at the Institute for Medicine and Biology, Berlin-Buch	DATE DISTR.	28 October 1953
DATE OF INFO.		NO. OF PAGES	2
PLACE ACQUIRED		REQUIREMENT NO.	RD 50X1-HUM
		REFERENCES	

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
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1. The Institute for Medicine and Biology is located at Berlin-Buch, Lindenberger Weg 70, and it is subordinate to the Academy of Sciences. 50X1-HUM

Dr. Ing. Lieselott Hereforth (radiation physics) is engaged, among assignments, in the development and production of radium and isotope preparations, as well as on the measurement of radium radiation in organisms. Her assistant is a physicist called Krumbiegel (fnu).

50X1-HUM

3. Neutron physics department.
Official head: Prof. Walter Friedrich.
Actual head: Dr. Hans-Wolfgang Koelle.

This department is only now being built up, as the neutron house will only be ready in the course of this summer. In an L-shaped building a hall measuring about 18 x 30 meters has been built. A high tension neutron-accelerating installation of 1.6 MeV will be built into this. The installation is made by Koch and Sterzol VEB, (now called Roentgen - und Transformatorenwerk), Dresden. It is supposed to be the same sort of apparatus as will be installed in Miersdorf. At the beginning of April, the installation, particularly the neutron source, was still undergoing some sort of development at the "Technische Hochschule Dresden. It is estimated in the Institute for Medicine and Biology that it will be the autumn of 1954 before the installation can be used. Electricity will be supplied from a 400 KW diesel generator. The building of a cyclotron is not planned.

50X1-HUM

The installations should suffice for producing trace elements only. It will not extend to the production of isotopes for therapeutic use (over 10 mg R). It is not yet certain what materials will be used for isotope production. According to Prof. Walter Friedrich, Russia has announced (angesagt) the supply of cobalt 60. Czechoslovakia is supposed to have received such preparations already.

50X1-HUM

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- 2 -

[redacted] Suitable assistants are now being sought. The erection of the
installation is being supervised by a Dr. Flammerfeld (fnu). [redacted]

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